CLAIMS

1. A method for regulating the energy flow in an energy network comprising at least a first area and a second area comprising producers and consumers, in which the energy network comprises at least one network connection that limits the transportation capacity of the energy network between said first area and said second area, which method comprises the steps of:

fixing isolated energy prices (IEP4, IEP5) in the first area and in the second area in proportion to the intended energy production by the producers and the intended energy consumption by the consumers;

adjusting said isolated energy prices (IEP4, IEP5) in said first area and in said second area on the basis of simulated transportation of energy over the network connection and on the basis of the available transportation capacity; and

making data on the energy flow for the first area and the second area accessible to the producers and/or the consumers and/or an operator of the network connection.

2. The method according to claim 1, wherein the energy flow data comprise a common adjusted energy price (CEP) for the first area and the second area or the adjusted energy prices (AEP4, AEP5) for the first area and the second area.

3. The method according to claim 1, wherein the energy flow data comprise data on the actual transportation of energy over the network connection.

4. The method according to claim 1 and further comprising deciding on the basis of the energy flow data whether bids with regard to the intended energy production and/or the intended energy demand will be accepted.

5. The method according to claim 1 and further comprising making available transportation capacity at least partially, wherein rights to transportation capacity are made available by the producers and/or the consumers.

6. The method according to claim 5, wherein the rights to transportation capacity are conditionally made available.

7. The method according to claim 6, wherein said condition relates to the difference between the isolated energy prices (IEP4, IEP5) in the areas.

8. The method according to claim 5, wherein the rights to transportation capacity are made available by making an inter-area bid, whether or not in combination with a bid to sell in one area and a bid to buy in the other area.

9. The method according to claim 5, wherein the rights to transportation capacity are made

available for implicit auctioning by a third party.

10. A computer readable medium having instructions for regulating the energy flow in an energy network, wherein the instructions comprise at least code portions for carrying out the method according to claim 1.

11. A system for the electronic auctioning over an auctioning network of energy adapted for an energy network comprising at least a first area and a second area comprising producers and consumers, in which the energy network comprises at least one network connection that limits the transportation capacity of the energy network between said first area and said second area, wherein the system comprises a first unit and a second unit adapted for receiving bids relating to the supply of and the demand for energy in said first area and said second area for the purpose of obtaining an isolated auctioning price (IEP4, IEP5) in said first area and said second area in dependence on the supply of and the demand for energy, and wherein the system furthermore comprises a combination server adapted for adjusting the isolated energy prices (IEP4, IEP5) in the first area and in the second area on the basis of simulated transportation of energy over the network connection and the available transportation capacity, and wherein the system is also adapted for making the adjusted energy prices accessible at least to the producers and/or the consumers via the auctioning network.

12. The system according to claim 11, wherein the auctioning data comprise a common adjusted energy price (CEP) for the first area and the second area, or the adjusted energy prices (AEP4, AEP5) for the first area and the second area.

13. The system according to claim 11, wherein the auctioning data comprise data on the actual transportation of energy over the network connection.

14. The system according to claim 11, wherein the system is adapted for deciding, on the basis of the energy flow data, whether bids relating to the intended energy production and/or the intended energy demand will be accepted.

15. The system according to claim 11, wherein said first unit and said second unit are adapted for making available rights to transportation capacity by the producers and/or the consumers.

16. The system according to claim 11, wherein the system is adapted for making an inter-area bid, whether or not in combination with a bid to sell in one area and a bid to buy in the other area.

17. A computer readable medium having instructions operable on a computer for the auctioning of energy in an energy network over an auctioning network, wherein the instructions

comprise at least code portions for carrying out the tasks of said first unit and/or the second unit and/or the arithmetic unit according to claim 10.

18. A method for regulating the energy flow in an energy network comprising at least a first area and a second area comprising producers and consumers, in which the energy network comprises a network connection that limits the transportation capacity of the energy network, in a system comprising a combination server, which is communicatively linked to servers of the areas for one or more user units of the producers and the consumers, which method comprises the following steps, wherein:

the servers receive one or more data strings from the units of the producers and the consumers, which data strings contain data on the intended energy production and the intended energy consumption, respectively;

the combination server fixes or receives isolated energy prices (IEP4, IEP5) in the first area and the second area in proportion to the intended energy production by the producers and the intended energy consumption by the consumers;

the combination server adjusts the isolated energy prices (IEP4, IEP5) in the first area and in the second area on the basis of simulated transportation of energy over the network connection and

the available transportation capacity; and

the combination server makes energy flow data for the first area and the second area accessible to the producers and/or the consumers and/or to an operator of the network connection, or said data are made accessible via said combination server.

19. The method according to claim 18, wherein the energy flow data comprise a common adjusted energy price (CEP) for the first area and the second area or the adjusted energy prices (AEP4,AEP5) for the first area and the second area.

20. The method according to claim 18, wherein the energy flow data comprise data on the actual transportation of energy over the network connection.

21. The method according to claim 18 and further comprising deciding on the basis of the energy flow data whether bids with regard to the intended energy production and/or intended energy consumption will be accepted.

22. The method according to claim 18 and further comprising making available transportation capacity at least partially, wherein rights to transportation capacity are made available by the producers and/or the consumers.

23. The method according to claim 22, wherein the rights to transportation capacity are conditionally made available.

24. The method according to claim 23, wherein the condition relates to the difference between the isolated energy prices (IEP4,IEP5) in the first and second area.

25. The method according to claim 22 and further comprising making available the rights to transportation by making an inter-area bid, whether or not in combination with a bid to sell in one area and to buy in another area.

26. The method according to claim 22, wherein the rights to transportation capacity are made available for implicit auctioning by a third party.

27. A computer readable medium having instructions operable on a computer for regulating the energy flow in an energy network, wherein the instructions comprise at least code portions for carrying out the method according to claim 18.